

FIG.1

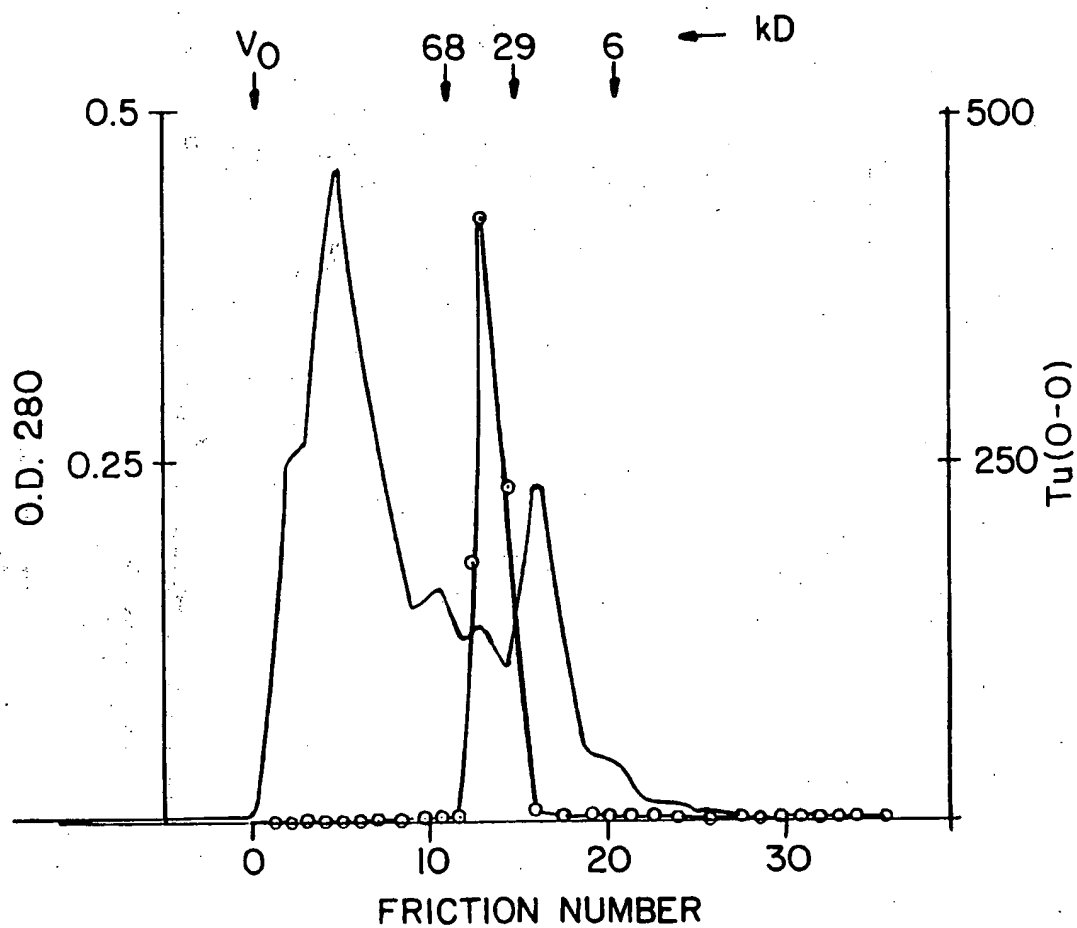


FIG.2

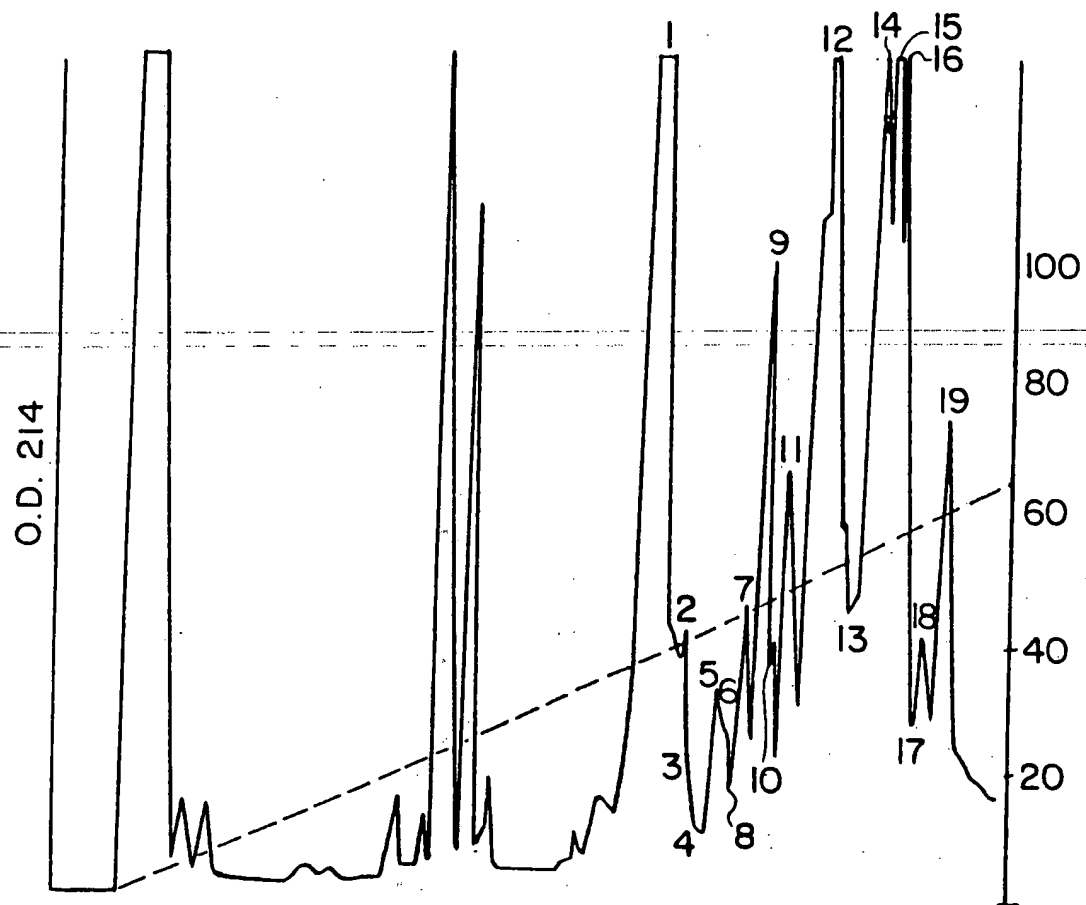


FIG. 3A

GDNF ACTIVITY IN T_u

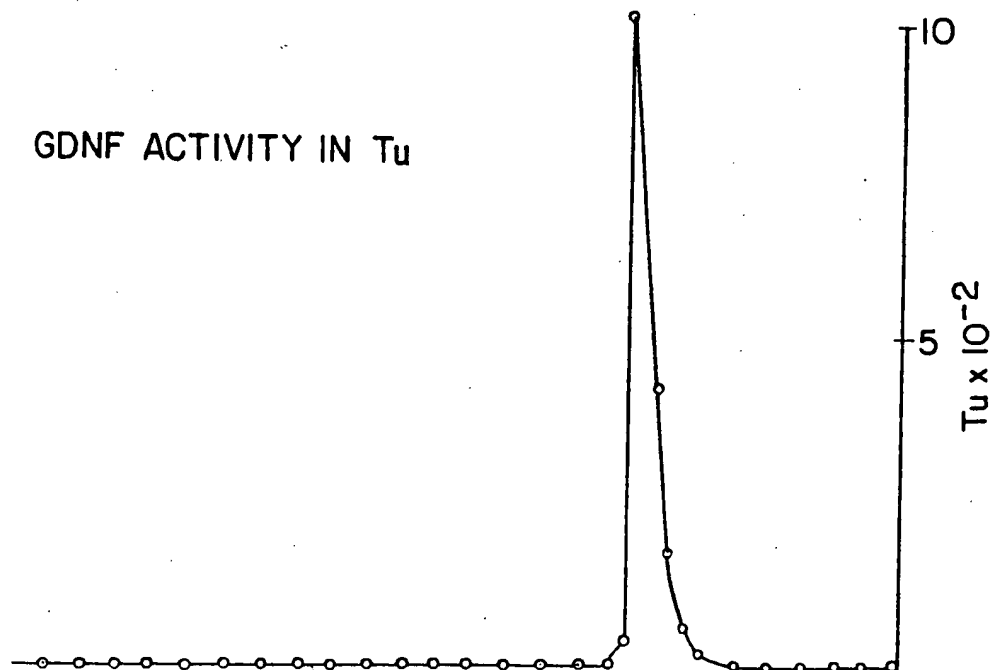


FIG. 3B

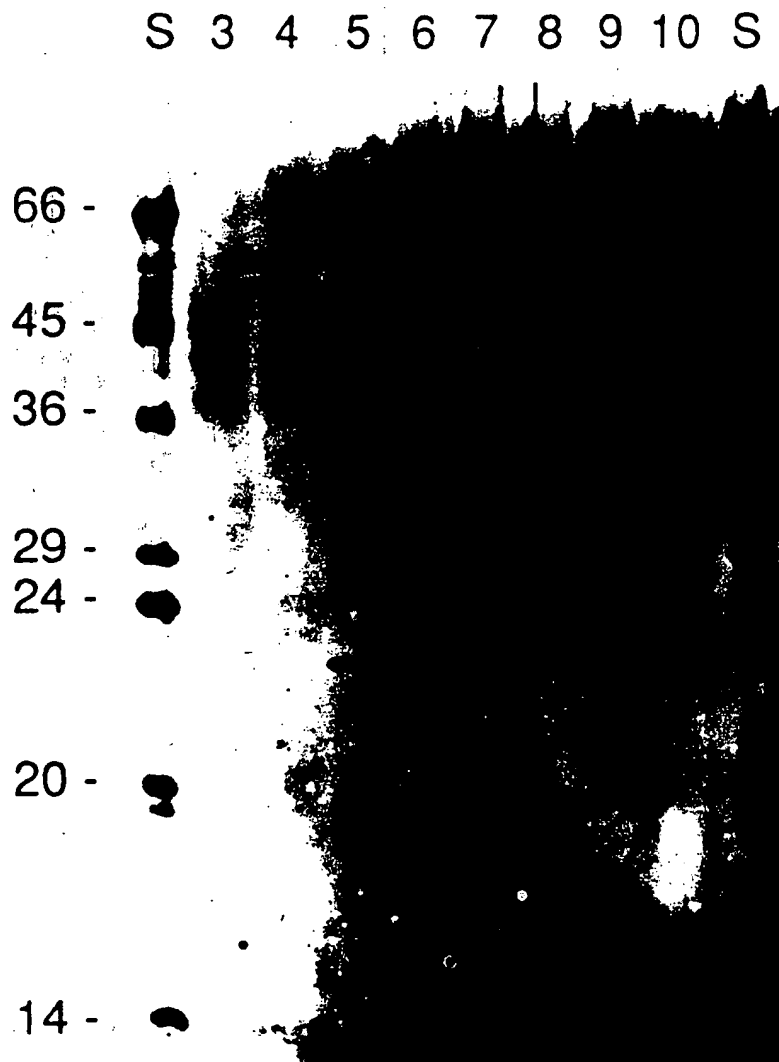


FIG.4

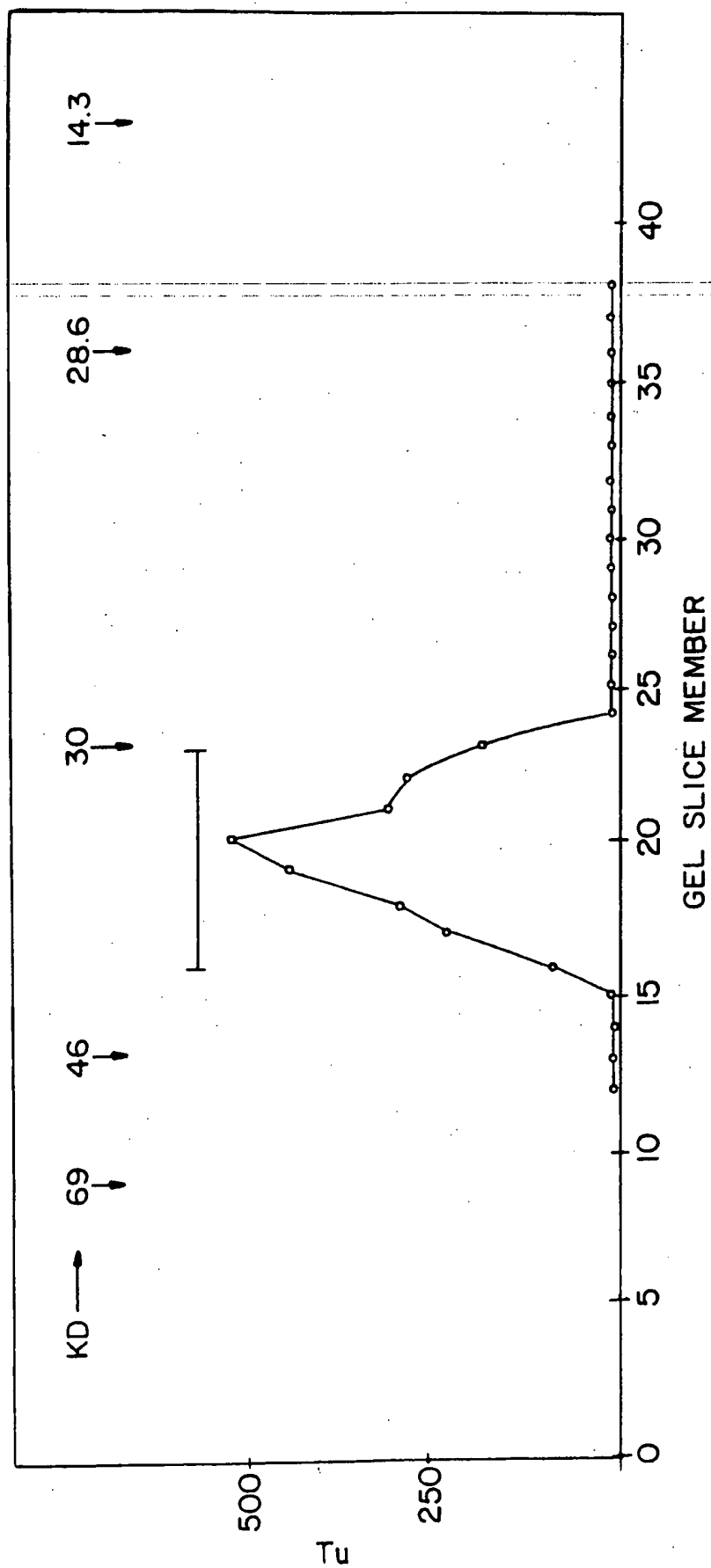


FIG.5

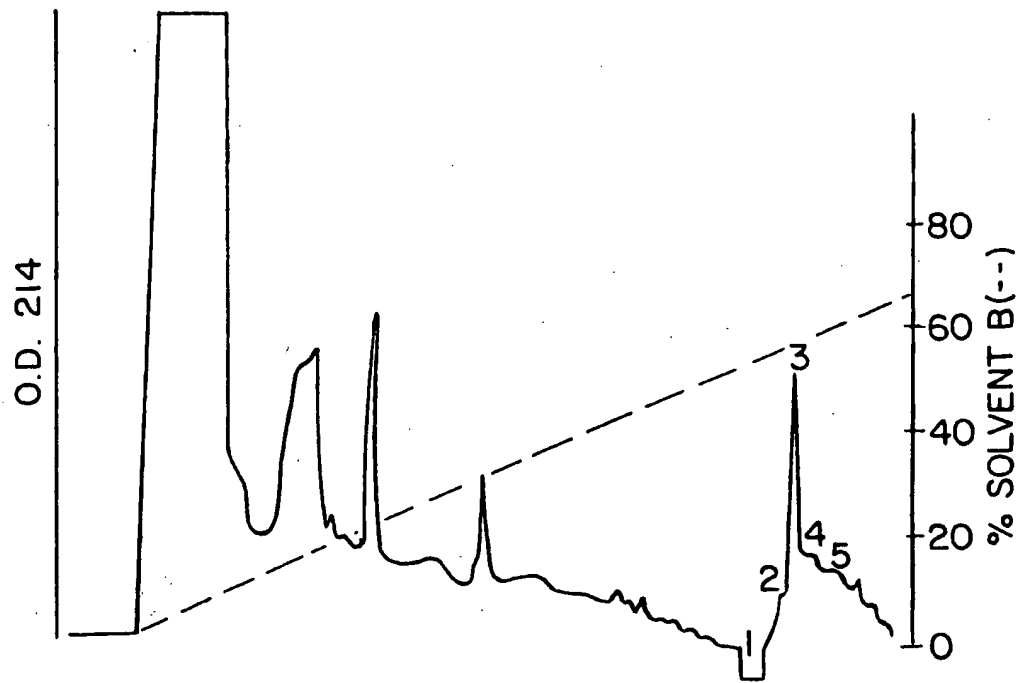


FIG. 6A

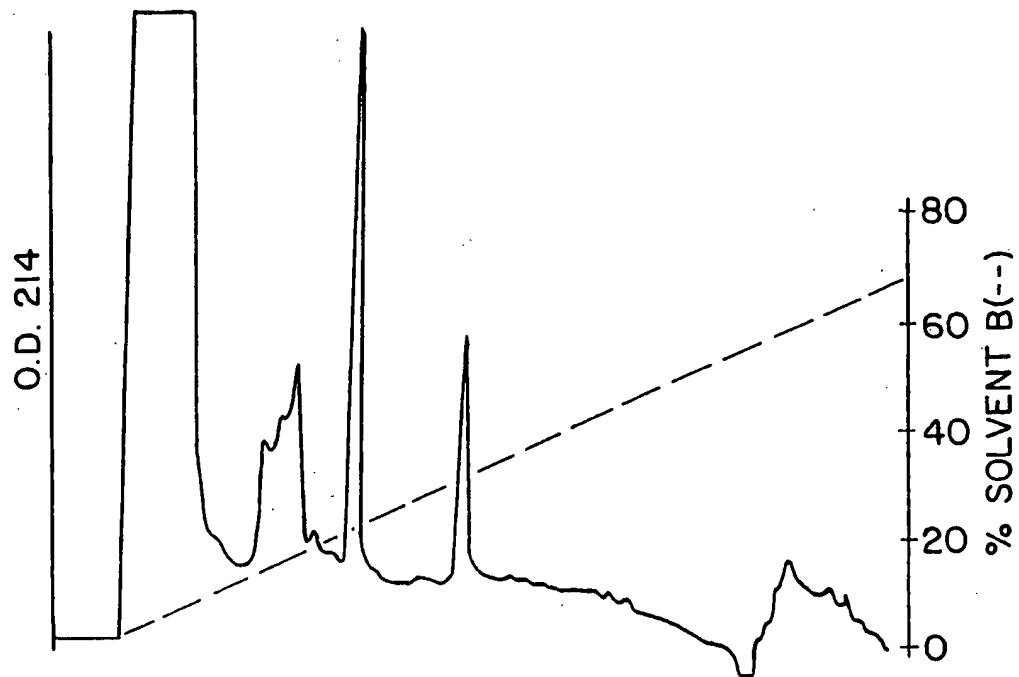


FIG. 6B

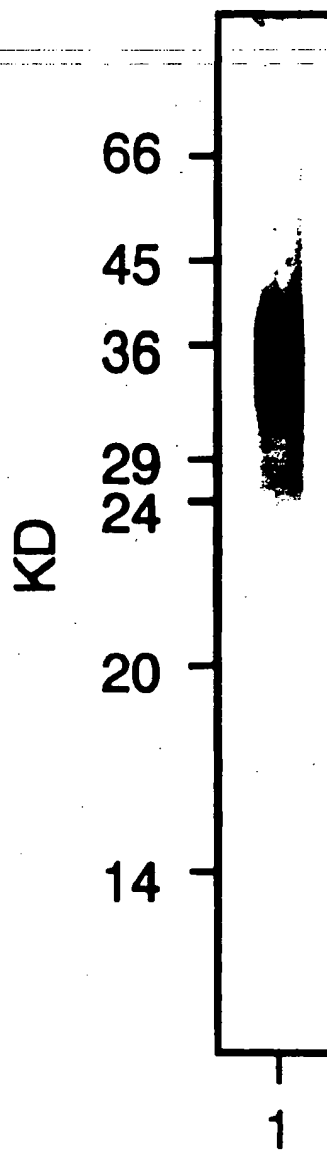


FIG.7

FIG. 8

(Ser) - Pro - Asp - Lys - Gln - Ala - Ala - Leu - Pro - Arg - Arg - Glu -
(Arg) - Asn - () * - Gln - Ala - Ala - Ala - (Ser) - Pro - (Asp) - (Asn)

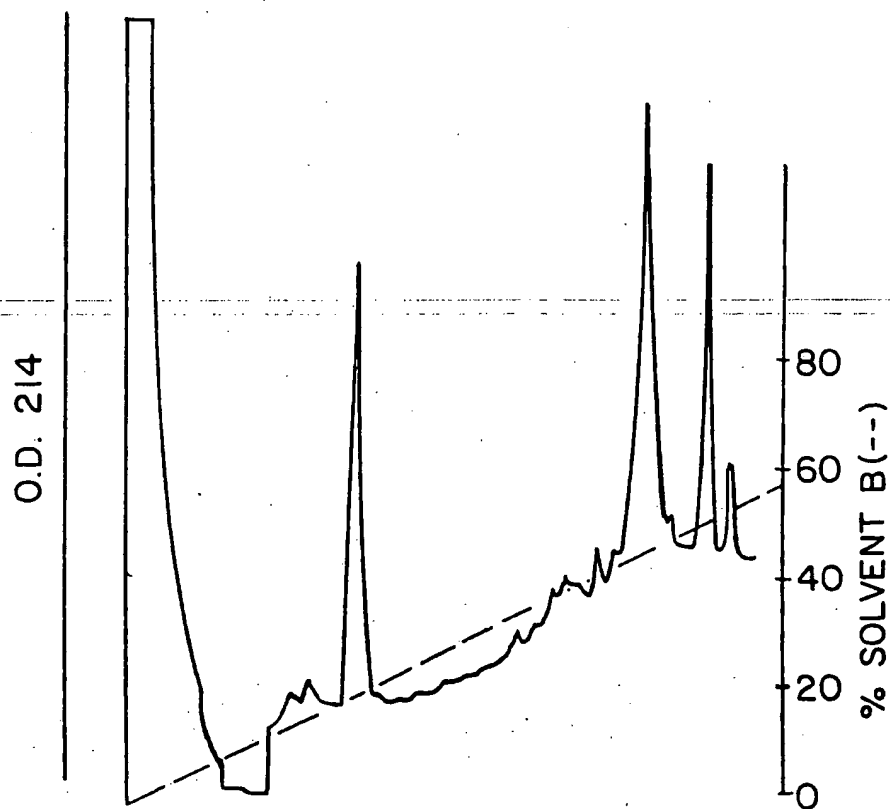


FIG. 9A

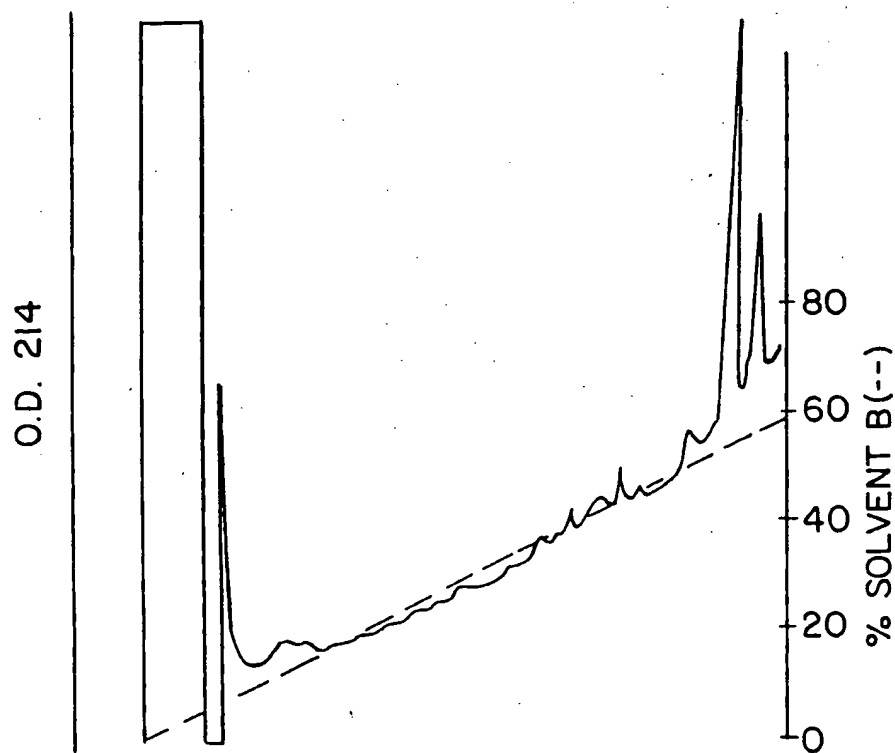


FIG. 9B

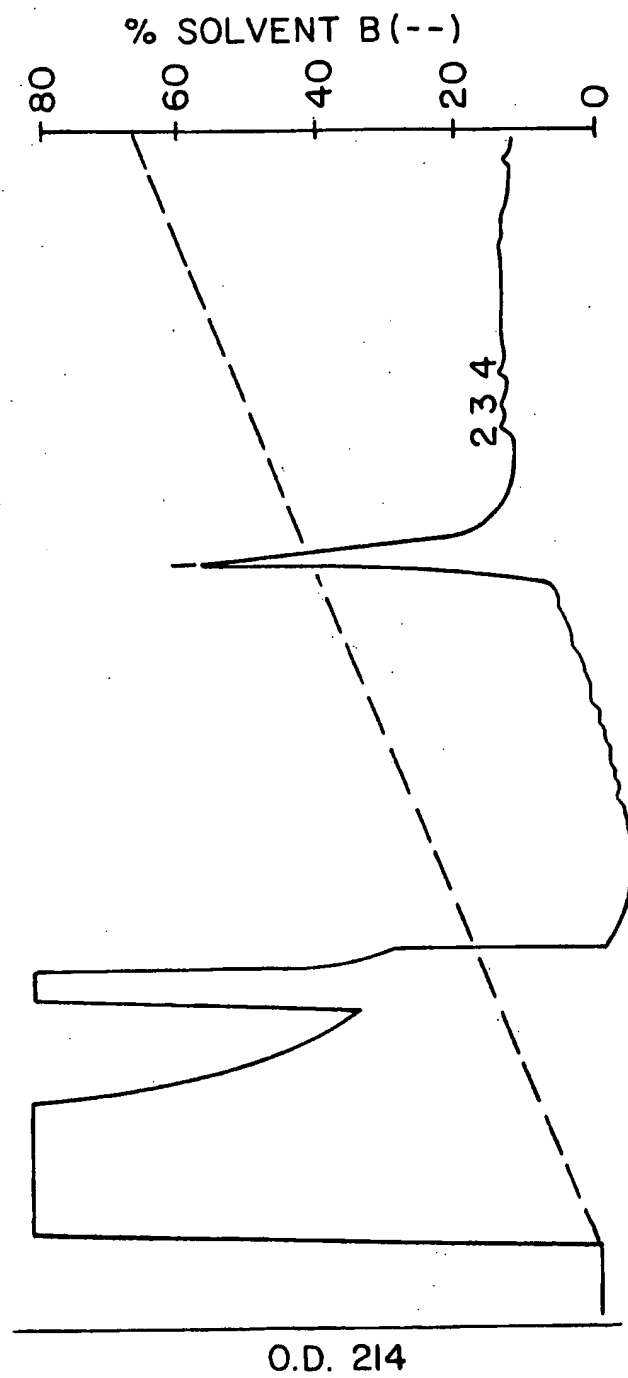


FIG.10

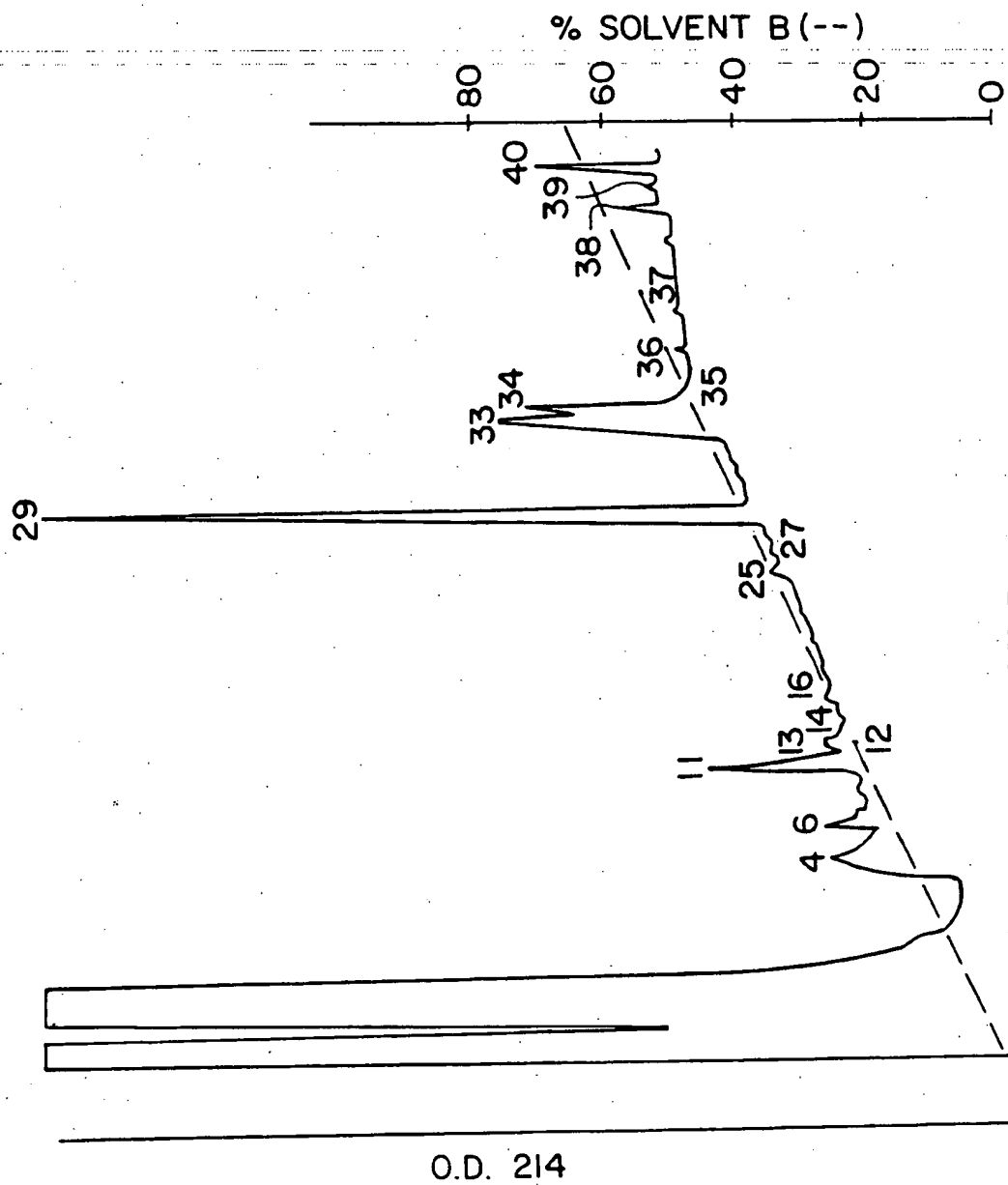


FIG.11

FIG. 12

Asp - (Lys/Gln) - Ile - Leu - Lys - Asn - Leu - (Gly) * - (Arg) - (Val) -
(Arg) - (Arg) - Leu

FIG. 13A

[illegible]

412
 AGA GGG AAA GGT CGC AGA GGC CAG AGG GGC AAA AAT CGG GGG TGC GTC TTA ACT
 R G K G R R G R G Q R G K N R G C V L T

466
 GCA ATA CAC TTA AAT GTC ACT GAC TTG GGT TTG GGC TAC GAA ACC AAG GAG GAA
 A I H L N V T D L G L G Y E T K E E

520
 CTG ATC TTT CGA TAT TGT TGT TCC TCC TGT GAA GCG GCC GAG ACA ATG TAC GAC
 L I F R Y C S S G S C E A A E T M Y D

574
 AAA ATA CTA AAA AAT CTG TCT CGA AGT AGA AGG CTA ACA AGT GAC AAG GTA GGC
 K I L K N L S R S R S R L T S D K V G

628
 CAG GCA TGT TGC AGG CCG GTC GCC TTC GAC GAC CTG TCG TTT TTA GAC GAC
 Q A C C R P V A F D D D L S F L D D

682
 AGC CTG GTT TAC CAT ATC CTA AGA AAG CAT TCC GCT AAA CGG TGT GGA TGT ATC
 S L V Y H I L R K H S A K R C G C I

745
 TGA CCCTGGCTCC AGAGACTGCT GTGTATTGCA TTCCTGCTAC AGTGCGAAGA AAGGGACCAA

815
 GGTTCGCCAGG AAATATTTCG CCAGAAAGGA AGATAAGGAC CAAGAAGGCA GAGGCAGAGG CGGAAGAAGA

875
 AGAAGAAAG AAGACGAAG GCAGCCATCT GTGGAGCCT GTAGAAGGAG GCCCAGCTAC AG

FIG. 13B

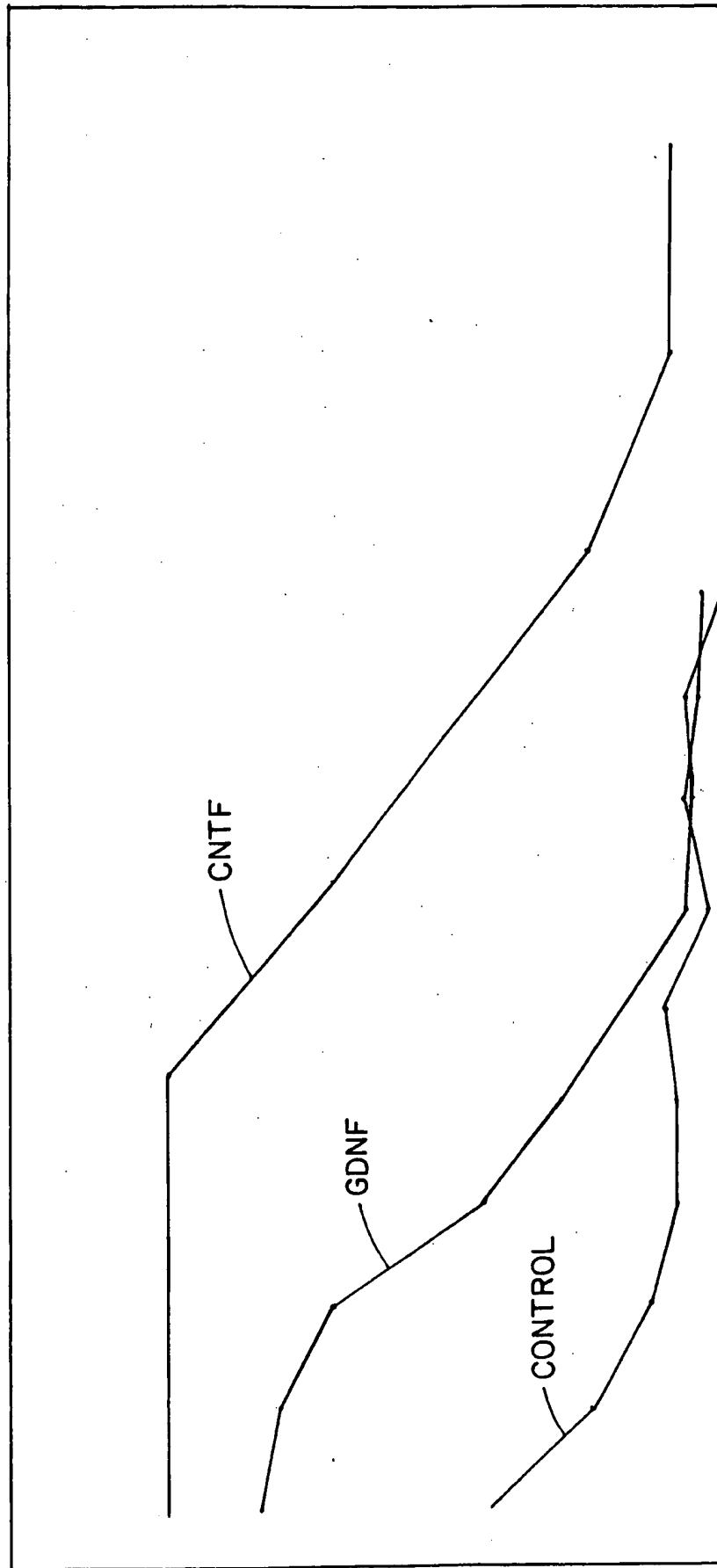


FIG.15

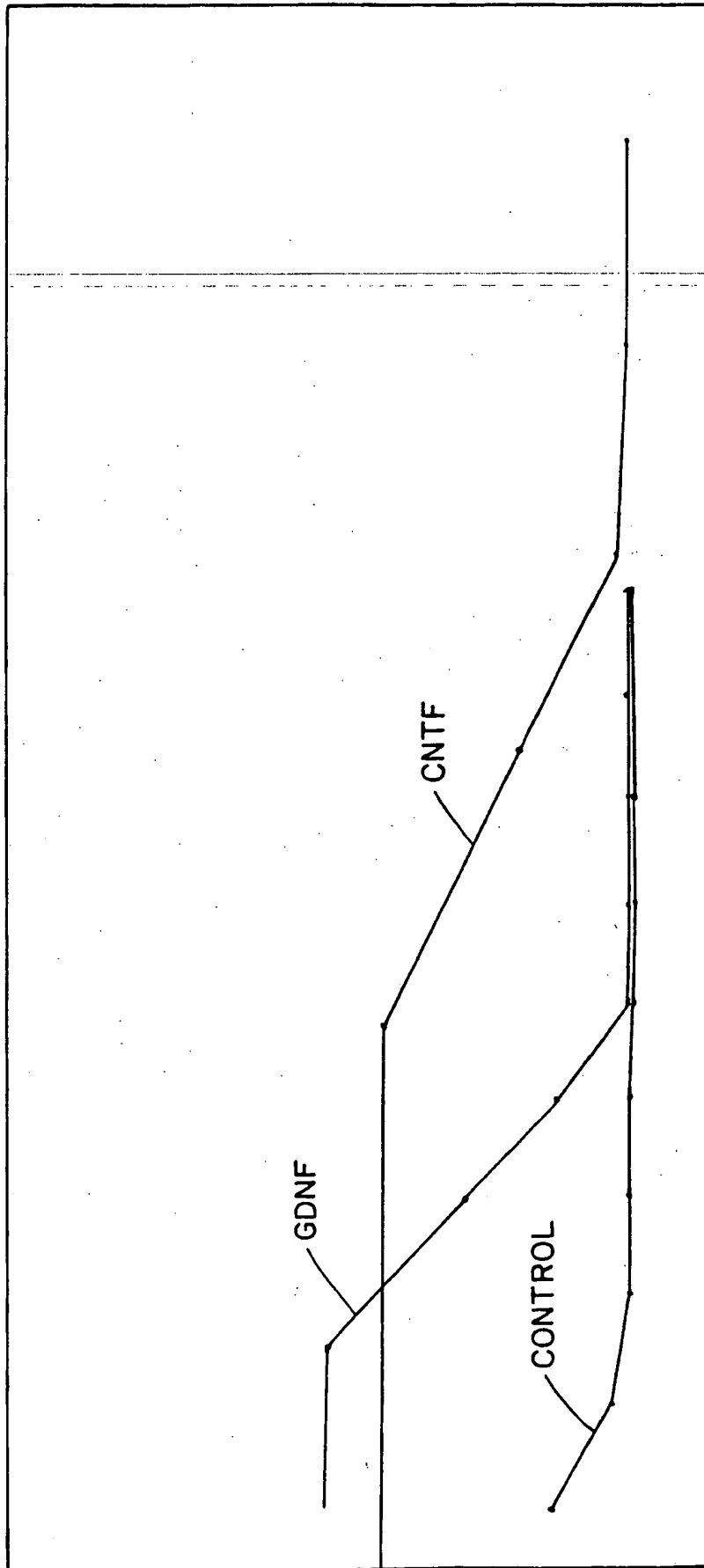


FIG. 16

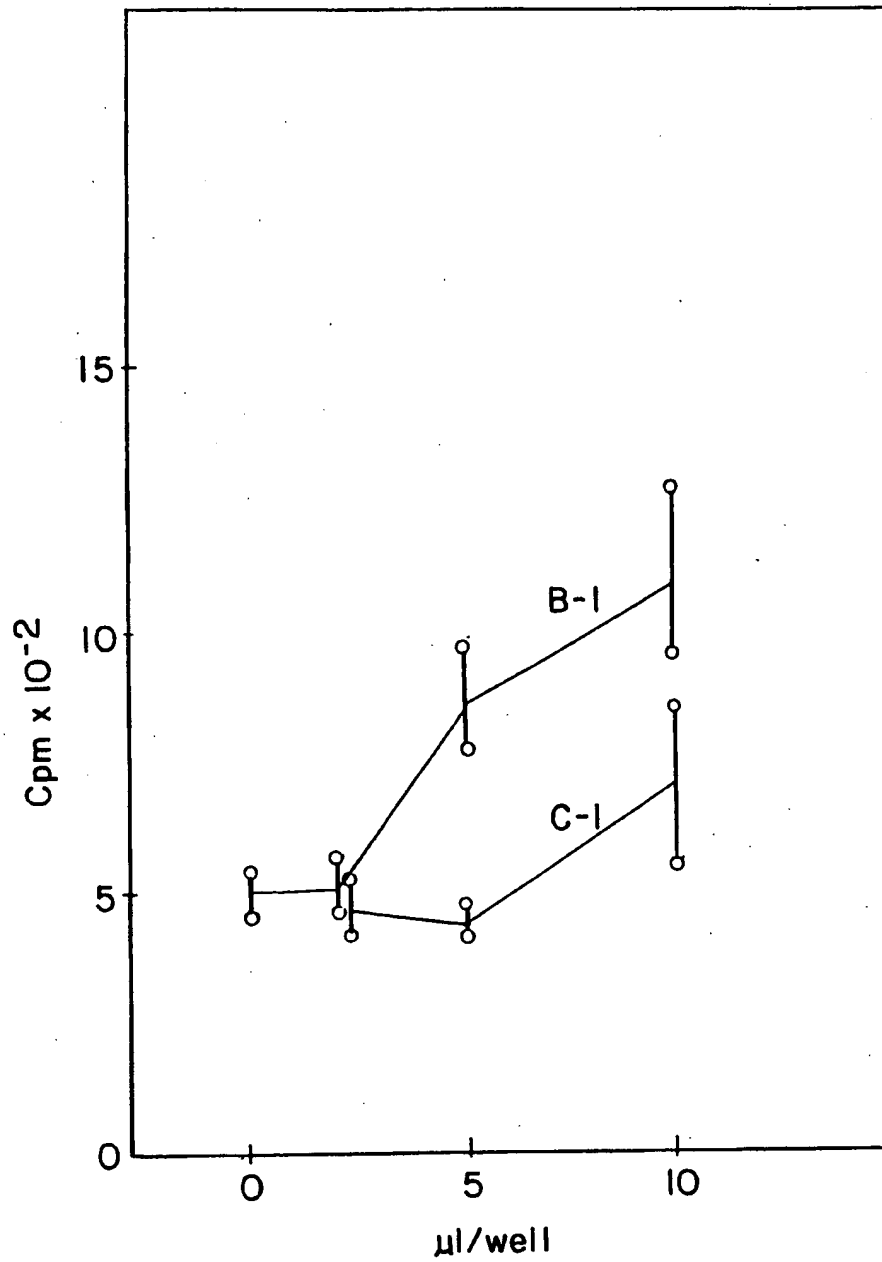


FIG.17

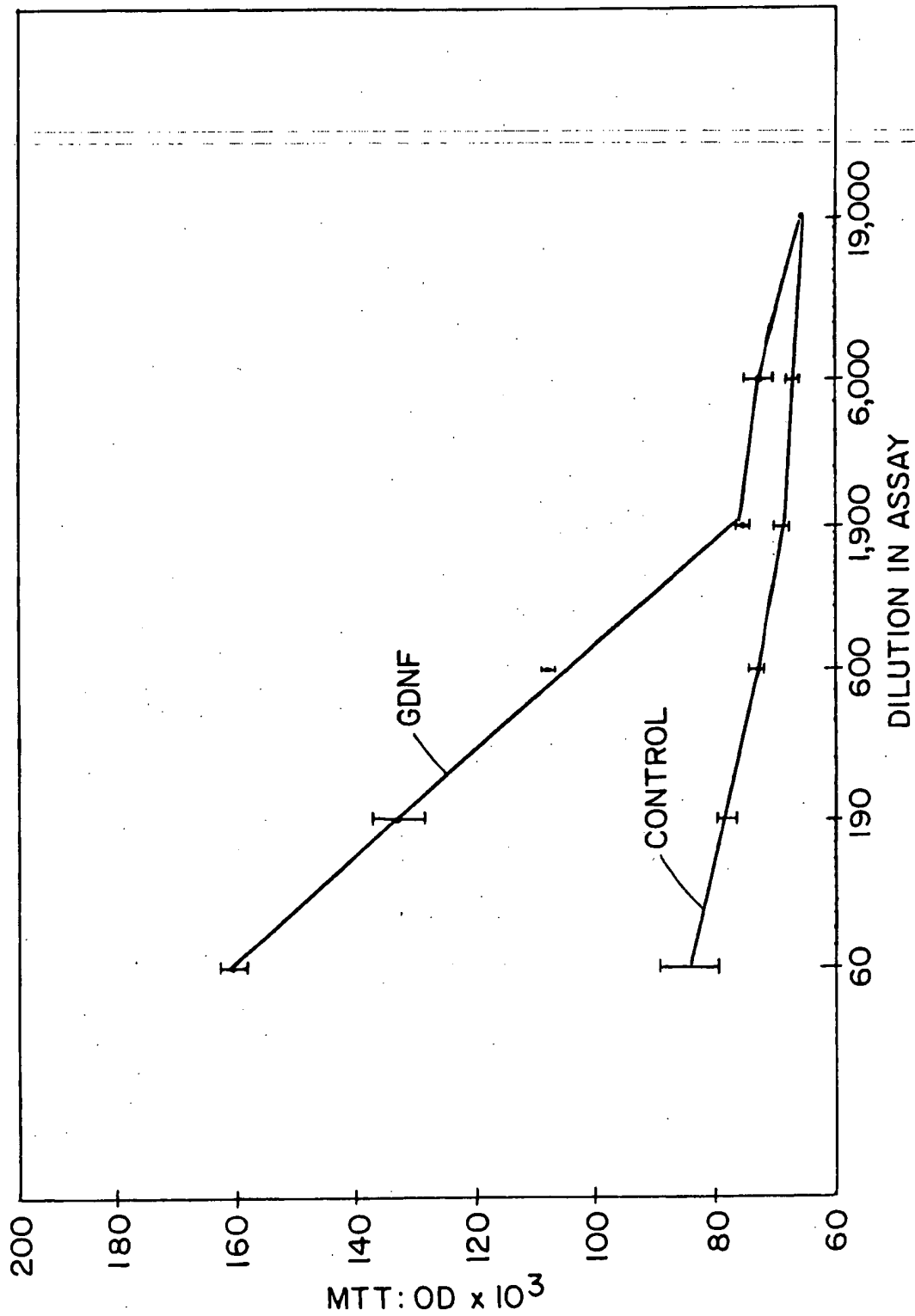


FIG.18

89

131

194

257

320

383

446

AGT GAC AAA GTA GGG CAG GCA TGT TGC AGA CCC ATC GCC TTT GAT GAC CTG TCG TTT TTA
 S D K V G O A C C R P I A F D D L S F L

FIG. 19B

509

GAT	AAC	CTG	GTT	TAC	CAT	ATT	CTA	AGA	AAG	CAT	TCC	GCT	AAA	AGG	TGT	GGA	TGT	ATC	TGA
D	D	N	L	V	Y	H	I	L	R	K	S	A	K	R	C	G	C	I	.

562

ctccggctccagagactgctgtgtatttgcatctcctgctacagtgcagaagaag

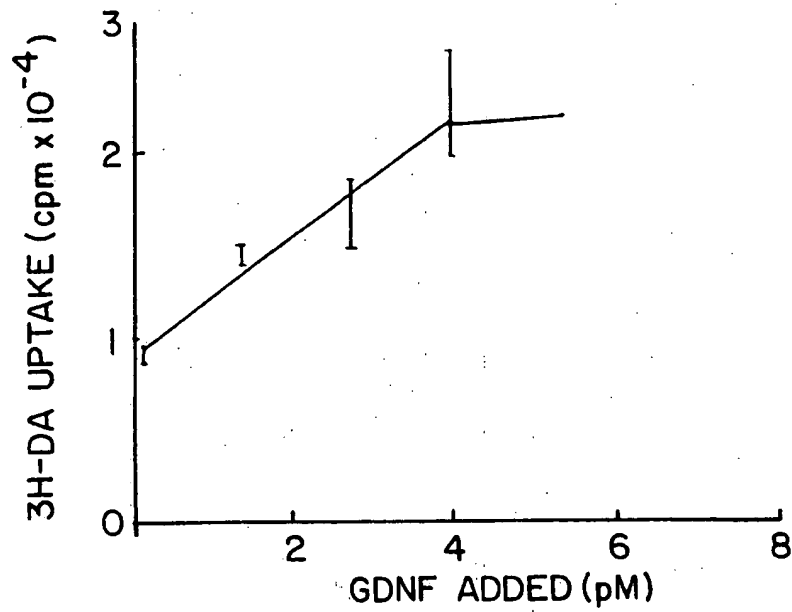


FIG.20A

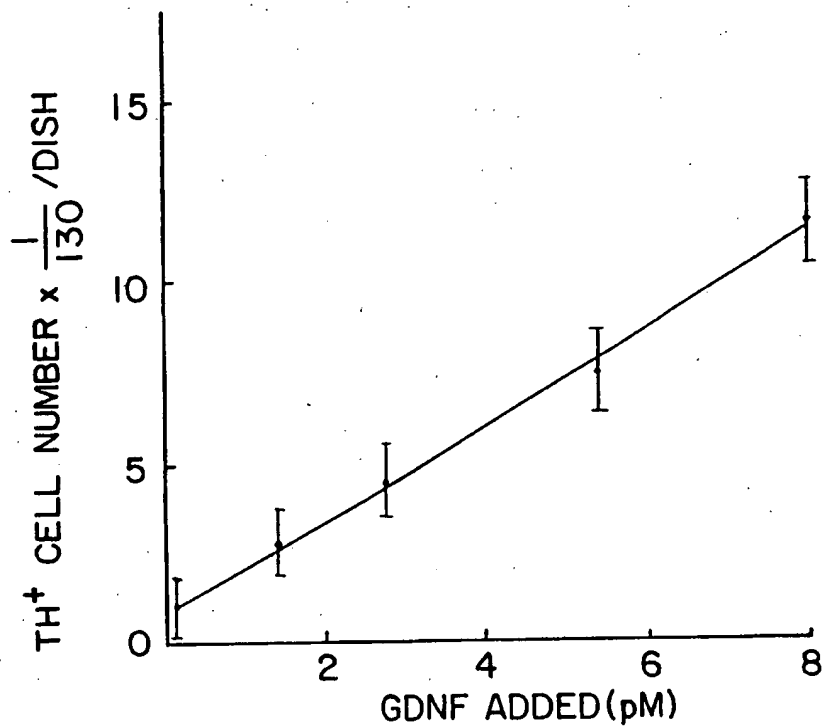


FIG.20B

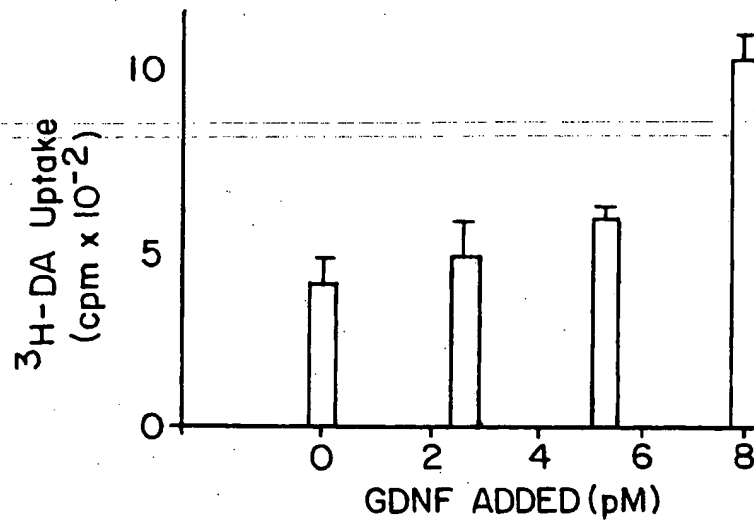


FIG.21A

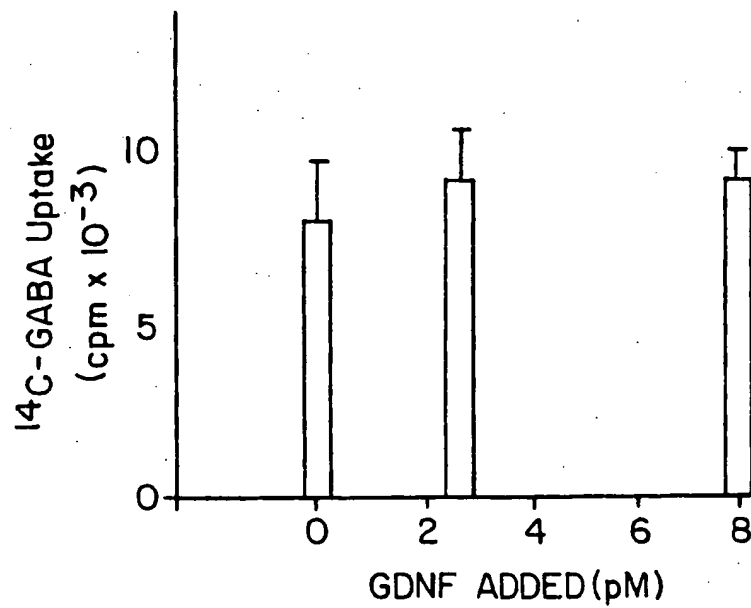


FIG.21B

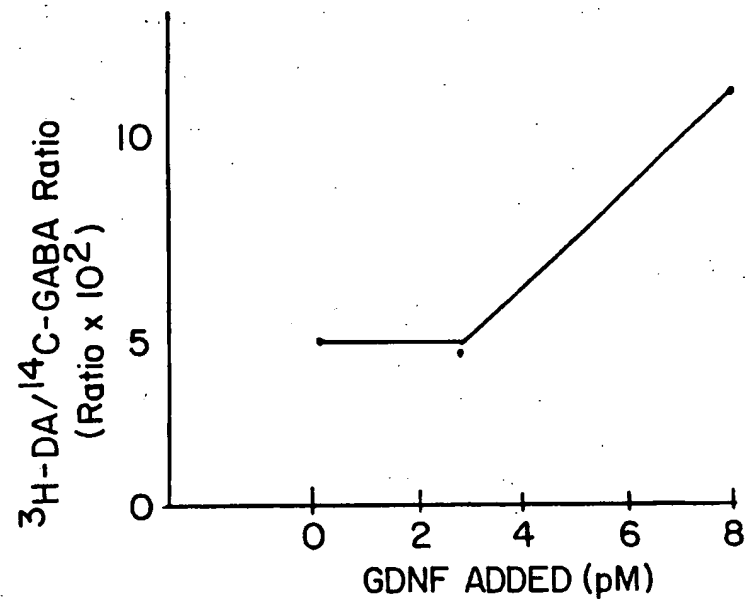


FIG.21C

FIG. 22

Ⓐ

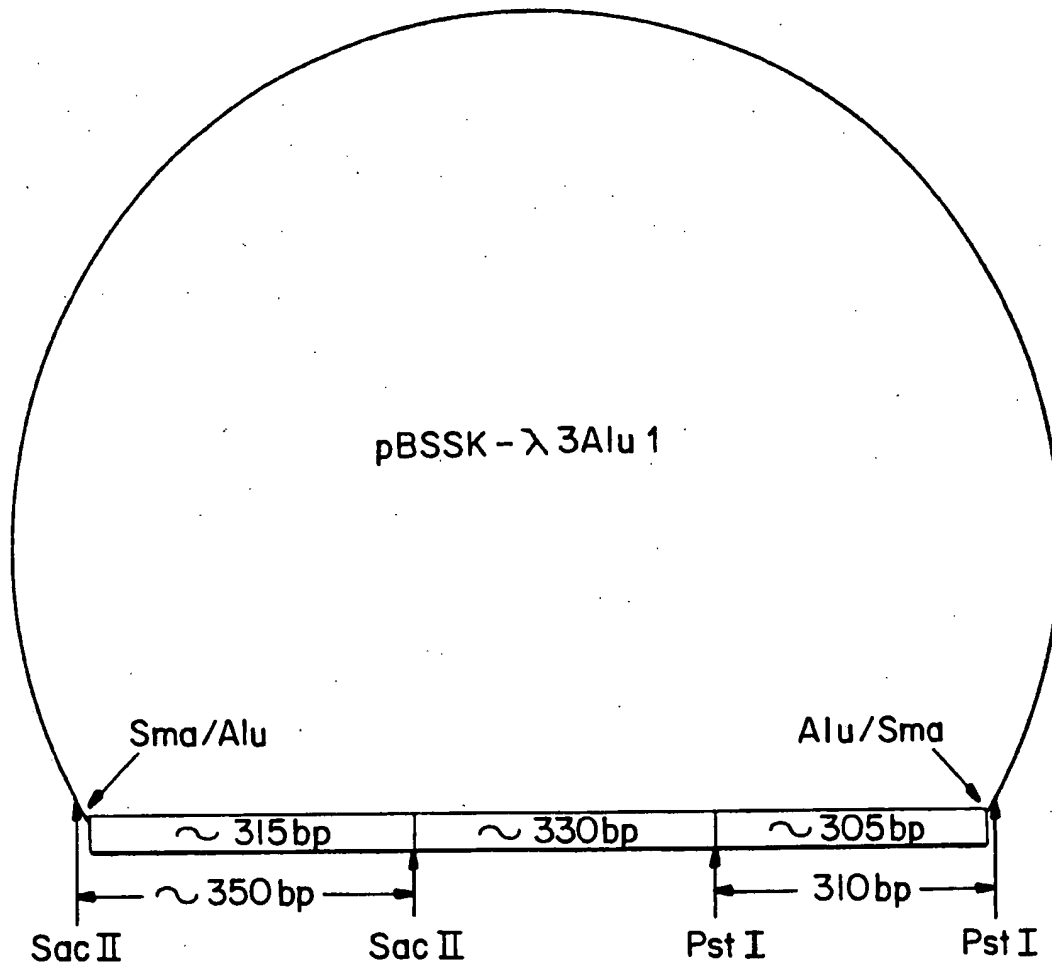


FIG.23

^3H -DA UPTAKE
(fmol/min/ 10^5 cells plated)

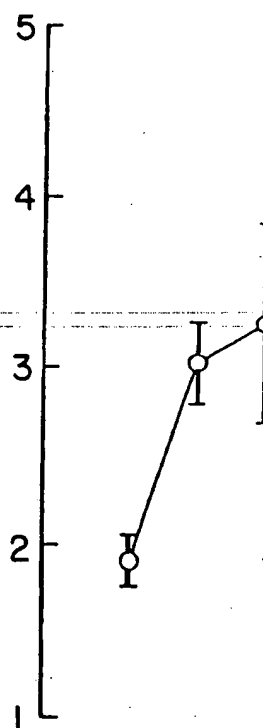


FIG.24A

^3H -SEROTONIN UPTAKE
(fmol/min/ 10^5 cells plated)

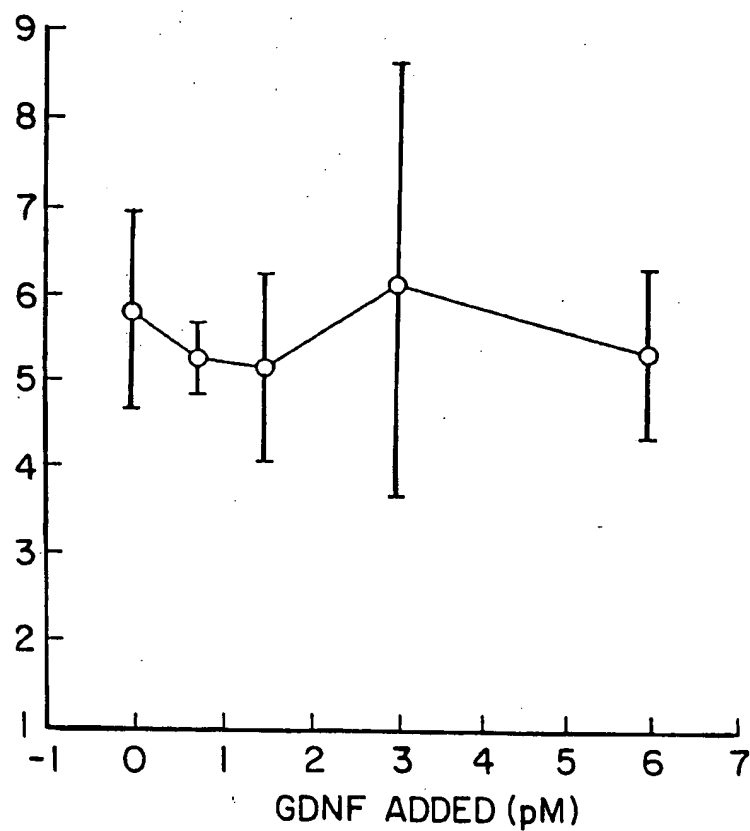


FIG.24B

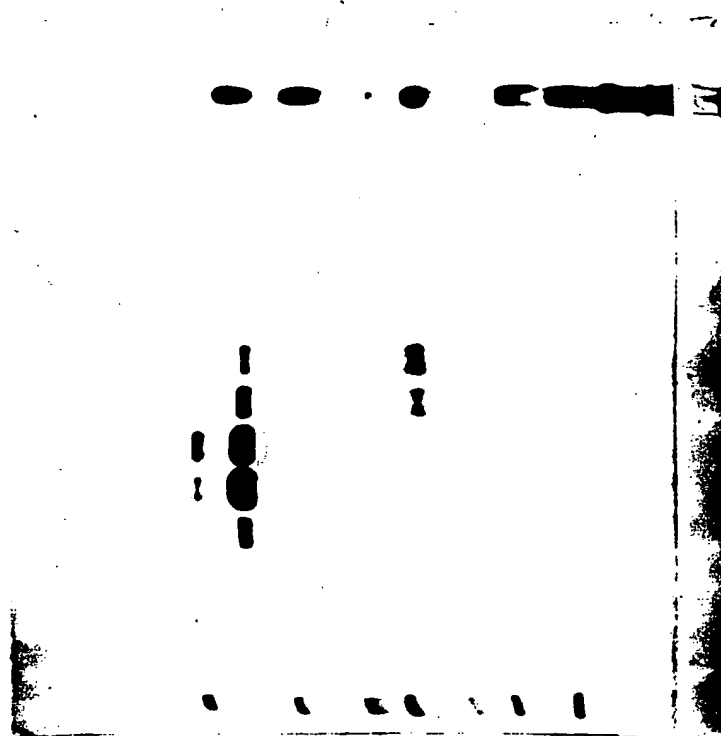


FIG.25

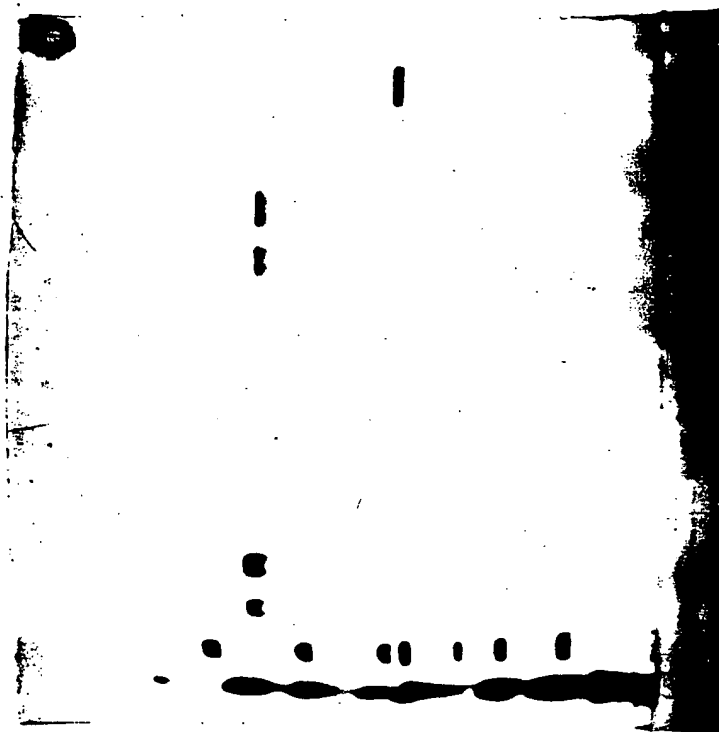


FIG.26

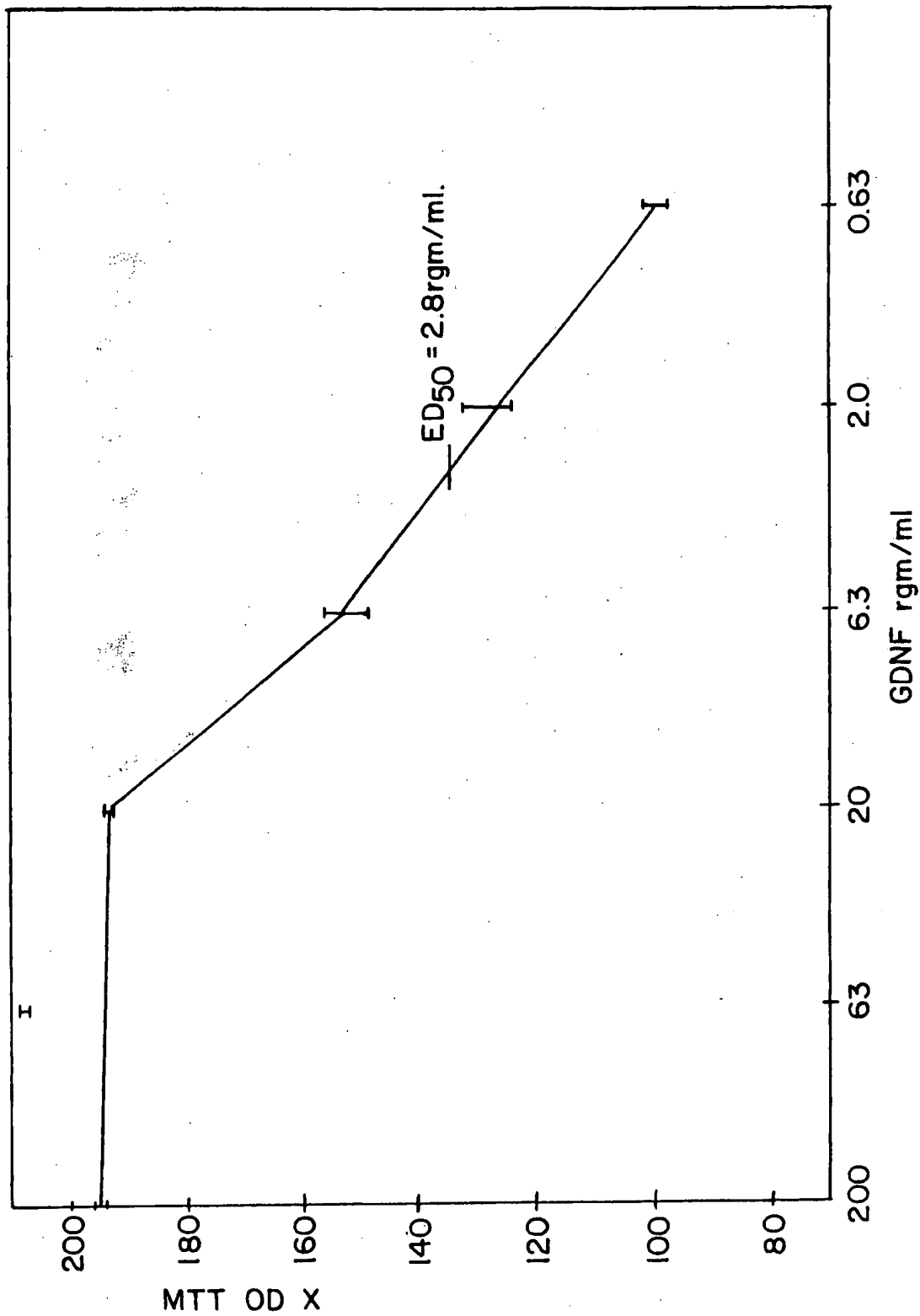


FIG.27

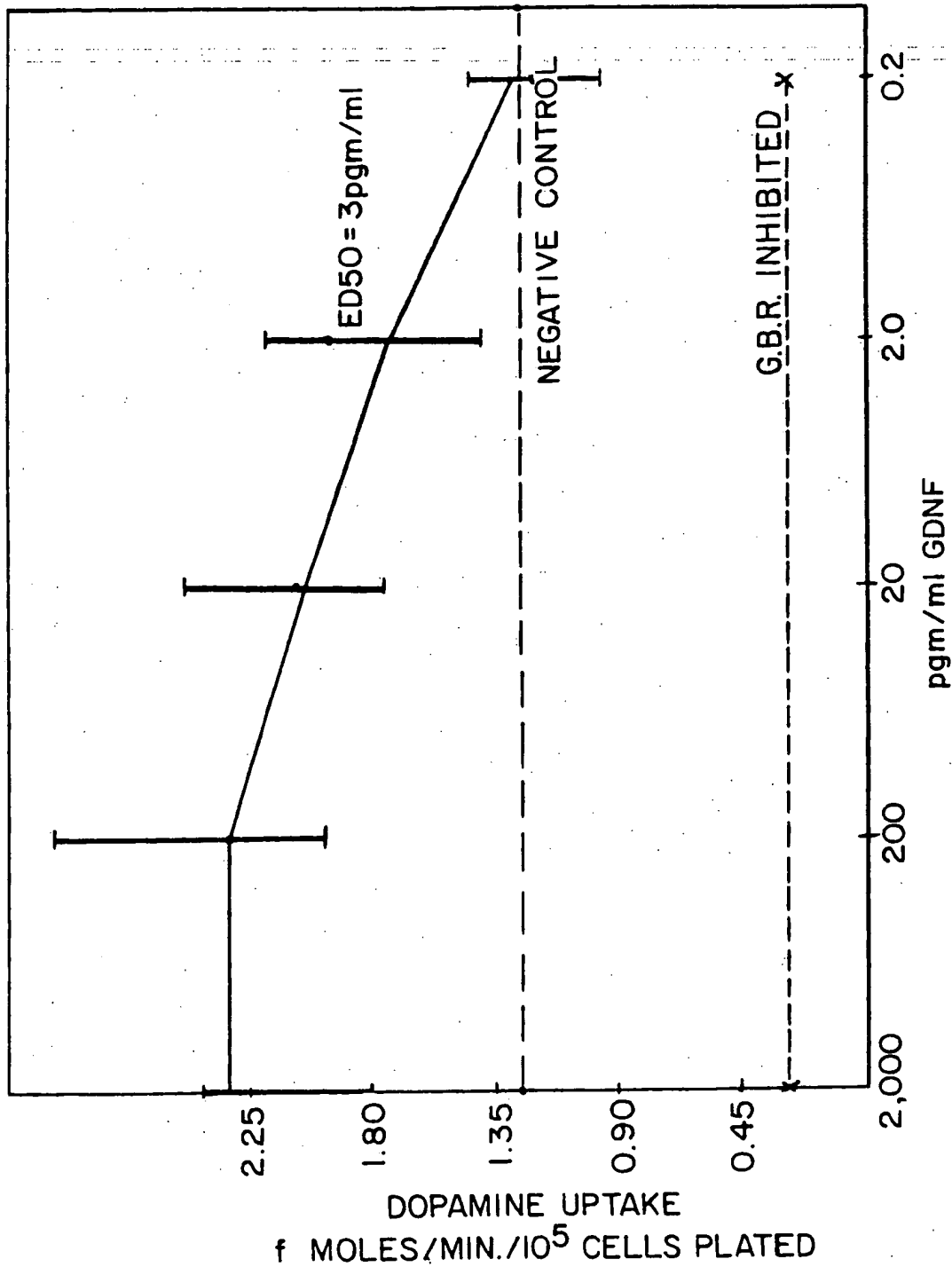


FIG.28